

Fratello & Amico, Inc.

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July 25, 2025

Ms. Julie Pape
Project Coordinator
Tidewater, Inc.
6625 Selnick Drive, Ste A
Elkridge, MD 21075

**RE: WV020, Report of Oil Water Separator Cleaning and Preventative Maintenance Inspection, Jane Lew
USARC, 7605 US Route 19 North, Jane Lew, WV 26378**

Dear Ms. Pape,

We are pleased to submit the following report regarding services performed at the above facility.

Background: This facility is equipped with a Grit Interceptor (GI) and Oil Water Separator (OWS) that are installed to intercept discharge from the OMS Building's floor drains and remove oil and sediment from wastewater prior to its discharge to the sanitary sewer system. Oil Interceptor/Separator units are generally passive, and can develop issues over time and have a recommended inspection interval based on use, but the minimum interval is five years. As this unit had no record of a recent inspection, the center elected to have a comprehensive inspection performed.

We arrived at the center on Tuesday, June 7, 2016. The Grit Interceptor and Oil Water Separator chambers were all opened and inspected, black oil was discovered in both chambers of the GI, however no sludge was detected in the GI or OWS and the OWS was without free oil. The free oil was removed from the GI and containerized for disposal. All of the components appeared in very good condition.

The initial inspection was completed and we commenced a flow test on the unit. A single hose bib was utilized to introduce a flow of between 5 and 10gpm into the floor drain in the OMS. A green dye was also used to identify the floor drain discharge. One hour into the flow test, we still had a steady flow through the GI and OWS.

In the OMS at the floor drains, oil staining and oil absorbent was discovered. This type of clay based absorbent is readily liquified with the addition of water and can accumulate in drains and the GI/OWS without detection as the wet slurry is very soft.

The OMS personnel should be notified that absorbents should not be introduced into the floor drains but rather swept up and accumulated in dry storage containers. This GI/OWS appears to be in proper working order.

In 2021, as it had been five years since the last service, the facility requested that the OWS be serviced.

We arrived at the center on Tuesday, July 27, 2021. The Grit Interceptor and Oil Water Separator chambers were opened and inspected, free oil was absorbed and removed, the water phase was processed and the bottom sludge was containerized for future disposal via DRMO.

On Friday, March 7, 2025, we were contacted by Tidewater, the regional PM contractor regarding the servicing of seven of the Oil Water Separators in the region. A proposal was prepared and submitted for review, and was subsequently approved.

As it had been four years since the last service, we visited each facility the week of May 6th in order to gauge the accumulation of sludge. Four sites were found to have light accumulations and were scheduled for the week of May 12th, the other three have heavy accumulations and were scheduled for cleaning in summer.

Site Service Performed: We mobilized to the facility on the afternoon of Wednesday, May 7, 2025. The three chambers of the system were accessed by the removal of three manhole covers, all were inspected and evaluated.

We returned on Tuesday July 8, 2025 to clean the GI and OWS. Surface oil was absorbed and removed from the GI. The water phase was processed through the unit and the bottom sludge was evacuated and containerized.

Next, we started on the OWS chamber and we pumped the water phase from the OWS side backwards into the GI chamber. The exposed bottom sludge was evacuated and containerized and then the OWS was refilled with fresh water. Three 55-gallon drums of OWS sludge were generated during the cleaning.

Conclusions and Recommendations: The OWS system is working properly with no known issues.

Attachment: Photographs of the Service

Page Description

3	OWS Area Prework
4	OWS Covers Removed
5	Grit Interceptor Primary Chamber Prework
6	Grit Interceptor Secondary Chamber Prework
7	Oil Water Separator (Tertiary) Chamber Prework
8	Primary Chamber Dewatered
9	Removing Bottom Sludge

Thank you for the opportunity to offer our services to your facility. If you have any questions, please feel free to call at any time.

Sincerely,

Fratello and Amico, Inc.

Raymond B. Chain, III

Raymond B. Chain, III
President













